

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-10 (cancelled)

Claim 11 (currently amended): A filtration housing comprising:

~~a first plate and a second plate, wherein the first plate and the second plate are~~
an end plate configured to retain a filtration cassette;

the ~~second~~ end plate includes a feed channel that communicates with an inlet port, wherein the inlet port is connected to a source of fluid;

the ~~first~~ end plate includes a retentate channel that extends into an outlet port;

the ~~second~~ end plate includes a first filtrate channel and a second filtrate channel, wherein the first filtrate channel includes a first longitudinal portion that is parallel to the feed channel and a transverse portion that communicates with a first filtrate passage;

the second filtrate channel includes a second longitudinal portion that is parallel to the retentate channel and a second transverse portion that communicates with a second filtrate passage; and

the first and second transverse filtrate channel portions are configured to form acute angles that provide a structural arrangement with an upper surface of the ~~first~~ end plate, wherein the source of fluid is configured to flow out of an outlet port of the ~~first~~ end plate .

Claim 12 (currently amended): The filtration housing of claim 11, further comprising a base frame that is configured to permit relative movement of the first plate and the ~~second~~ end plate along a longitudinal axis of the filtration cassette.

Claim 13 (currently amended): The filtration housing of claim 12, further comprising a pneumatic piston affixed to the base frame to move the second plate towards and away from the ~~first~~ end plate.

Claim 14 (previously presented): The filtration housing of claim 11, wherein the filtration cassette includes retenate passages.

Claim 15 (previously presented): The filtration housing of claim 11, wherein the fluid is pressurized fluid.

Claim 16 (currently amended): A filtration housing comprising:

~~a first plate and a second plate, wherein the first plate and the second plate are~~
an end plate configured to retain a filtration cassette;

the ~~second~~-end plate includes a feed channel that communicates with an inlet port, wherein the inlet port is connected to a source of fluid;

the ~~first~~-end plate includes a retenate channel that extends into an outlet port;

the ~~second~~-end plate includes a first filtrate channel and a second filtrate channel, wherein the first filtrate channel includes a first longitudinal portion that is parallel to the feed channel and a transverse portion that communicates with a first filtrate passage;

the second filtrate channel includes a second longitudinal portion that is parallel to the retenate channel and a second transverse portion that communicates with a second filtrate passage; and

the first and second transverse filtrate channel portions are configured to form acute angles that provide a structural arrangement with an upper surface of the ~~first~~ end plate, wherein the source of fluid is configured to flow out of a first outlet port and a second outlet port of the ~~first~~-end plate.

Claim 17 (previously presented): The filtration housing of claim 16, wherein the fluid flows out of a first hole of the first outlet port and a second hole of the second outlet port.

Claim 18 (currently amended): A filtration housing comprising:

~~a first plate and a second plate, wherein the first plate and the second plate are~~
an end plate configured to retain a filtration cassette;

the ~~second~~-end plate includes a feed channel that communicates with an inlet port, wherein the inlet port is connected to a source of fluid;

the ~~first~~-end plate includes a retenate channel that extends into an outlet port;

the ~~second~~-end plate includes a first filtrate channel and a second filtrate channel, wherein the first filtrate channel includes a first longitudinal portion that is parallel to the feed channel and a transverse portion that communicates with a first filtrate passage;

the second filtrate channel includes a second longitudinal portion that is parallel to the retenate channel and a second transverse portion that communicates with a second filtrate passage; and

the first and second transverse filtrate channel portions are configured to form declining acute angles that provide a structural arrangement with an upper surface of the ~~first~~-end plate, wherein the source of fluid is configured to flow out an outlet port of the ~~first~~-end plate.

Claim 19 (previously presented): The filtration housing of claim 18, wherein the fluid flows out of a hole of the outlet port.